

February 3, 2010

Mr. Bryan Stone  
AMEC Geomatrix, Inc.  
510 Superior Avenue, Suite 200  
Newport Beach, CA 92663-3627

Re: LPC # 1198010003 - Madison County  
Hartford/Chemetco, Inc.  
Approval of Pilot Plant Treatability Study Processing of Metal Bearing Materials

Dear Mr. Stone,

This letter is in response to your submittal of a Pilot plant treatability study processing plan that Industrial Asset Disposition proposes to undertake at the Chemetco site within the former Brick Shop.

You have stated that the purpose of this pilot project will be to use the information to obtain specific operational data regarding the various steps involved in the overall process of extracting metal from the metal bearing materials as defined in the Interim Order Civil Numbers 00-670-DRH/00-677-DRH (consolidated) entered September 16, 2008.

The Illinois Environmental Protection Agency approves the pilot plan provided the following conditions are met:

- \* All screening debris and residual by-products that will not undergo further metal process, as well as interior building cleaning materials, must be managed pursuant to 35 Ill. Adm. Code 721, 722, 728, 808 and 809.
- \* All waste determination samples must be representative samples of each individual waste stream. Each sample must be analyzed for total and TCLP metals, pH, TCLP VOC, TCLP SVOC, reactive sulfides and reactive cyanides.
- \* If the pilot plant is out of service for longer than 90-days all material in the equipment and tanks must be removed and managed pursuant to 35 Ill. Adm. Code 721, 722, 728, 808 and 809. The equipment must be cleaned and any cleaning residuals must be managed pursuant to 35 Ill. Adm. Code 721, 722, 728, 808 and 809.
- \* Please provide an inspection plan developed to satisfy the requirements of 35 Ill. Adm. Code 725.115 for the pilot plant equipment and a contingency plan to satisfy the requirements of 35 Ill. Adm. Code 725.151 (IAD may rely on the Estate of Chemetco's contingency plan as long as IAD personnel receive training on this contingency plan) by February 19, 2010.
- \* Please provide a status report every other Friday, the first being due February 19, 2010. These reports may be electronically submitted on Friday, followed by a hard copy mailed the following week.

If there are any questions concerning the above, please do not hesitate to contact me at 217-785-8725.

Sincerely,

Erin J. Rednour  
Project Manager  
National Priorities List Unit  
Federal Sites Remediation Section  
Bureau of Land  
Illinois Environmental Protection Agency